92 a/b

LUCAS, AGUSTIN

25 5 .3 3/4 27.59

① COLLECT.
$2a + 56ax - 2z + 7a + 10z - 50 = \underline{9a + 56ax + 8z - 50}$ (+10)

② $6(a^2 - z) - (10 + a) + z^2 = \underline{6a^2 - 6z - 10 - a + z^2}$ (+10)

③ DIVIDE
$\frac{6a^2b^3}{2a2bx} = \frac{3ab^2}{2x}$ (-10) 3a

④ MULTIPLY
$(10a2b^2d)(2adx2) = 20a^2z^2b^2d^2$ (x missing) +5

⑤ SOLVE
$\frac{2ax}{2y} - 6 = 62y = 2ax = \frac{6y}{6} = \frac{2ax - 2}{6}$ $y = \frac{ax}{6}$ (+10)

⑥ $\sqrt{ax} = \frac{20}{50+d} = ax = \left(\frac{20}{50+d}\right)^2$ $a = \frac{\left(\frac{20}{50+d}\right)^2}{x}$ (+10)

⑦ $\left(\frac{ax}{c}\right)^2 = pL.$ $\sqrt{\frac{ax}{c}} = \sqrt{pL.}$ (?) (-10)

⑧ $\frac{256 \times 10^{-6} \times .005.6}{75800 \times .0000.1 \times 10^{-11}} = \frac{2.56 \times 10^{-4} \times 5.6 \times 10^{-3}}{7.58 \times 10^{4} \times 10^{-17}} = \frac{15 \times 10^{-7}}{7.58 \times 10^{-13}} =$

$\frac{15 \times 10^{-7} \times 10^{13}}{7.58} = \frac{15 \times 10^{6}}{7.58} = 1.92 \times 10^{6}$ (+10)

⑨ $\left(\frac{9 \times 10^5}{560 \times .001 \times 10^{-6}}\right)^2 = \left(\frac{9 \times 10^5}{5.60 \times 10^2 \times 10^{-9}}\right)^2 = \left(\frac{9 \times 10^5}{5.60 \times 10^{-7}}\right)^2 = \left(\frac{9 \times 10^5 \times 10^7}{5.60}\right)^2 =$

$\left(\frac{9 \times 10^{12}}{5.60}\right)^2 = (1.62 \times 10^{12})^2 = 1.62 \times 10^{24}$ (+7)

⑩ $\sqrt{.0065.8 \times 10^{-4}} = \sqrt{65.8 \times 10^{-8}} = \sqrt[2]{65.8 \times 10^{-4}} = 8.1 \times 10^{-4}$

(+10)